



**US Army Corps  
of Engineers®**  
Philadelphia District

## **PROJECT FACT SHEET**

### **New Jersey Alternative Long-Term Nourishment Study**

**September 2005**

---

**CONGRESSIONAL INFO:** Sen. Corzine, NJ; Sen. Lautenberg, NJ; Rep. LoBiondo, NJ-2; Rep. Saxton, NJ-3; Rep. Smith, NJ-4; and Rep. Pallone, NJ-6.

**ACTIVITY:** General Investigation

**TYPE:** Shore Protection

**PROJECT PHASE:** Feasibility

**AUTHORITY:** House Resolution by the Committee on Public Works and Transportation dated December 10, 1987 for the New Jersey Shoreline.

**LOCATION** The study area includes over 120 miles of Atlantic coastline from Sandy Hook to Cape May, New Jersey.

**PROJECT DESCRIPTION:** This feasibility study is evaluating methods to manage New Jersey's coastal projects on a regional basis to ensure maximum benefits are achieved from the Federal investment and reduce long-term periodic nourishment costs. The study includes: development of a regional sediment budget and an improved understanding of regional coastal processes; implementation of an efficient regional monitoring program; and development of a comprehensive beach, inlet, and borrow area management strategy.

**PROJECT STATUS:** The FCSA for this project was signed in FY03. FY04 funds were used to develop the following: PMP; coastal processes modeling, GIS, and historical beachfill databases; new digital aerial orthophotography of the coast; and ATV beach survey technology. FY05 funds are being used to develop project-specific RSM actions; develop a regional sediment budget for the NJ Coast; identify existing and alternative sediment resources for future beach nourishment projects; identify environmental constraints associated with borrow areas; and develop an enhanced Borrow Area and Environmental GIS database.

#### **FINANCIAL DATA**

##### **Recon**

Federal Cost:	\$40,000
Non-Federal Cost	\$0
Total Recon Cost	\$40,000

##### **Feasibility**

Federal Cost:	\$2,012,000
Non-Federal Cost	\$2,012,000
Total Feasibility Cost:	\$4,024,000

##### **BUDGET DATA**

FY 02:	\$40,000
FY 03:	\$158,000
FY 04:	\$150,000
FY 05:	\$203,000
FY 06:	\$0 /1

/1 FY06 President's Budget

**SPONSOR:** New Jersey Department of Environmental Protection

**CRITICAL ISSUES:** None

**PROJECT MANAGER:** J. B. Smith  
(215) 656-6579  
[j.b.smith@usace.army.mil](mailto:j.b.smith@usace.army.mil)